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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 ; Search time 90.83 seconds
(without alignments)

11.892 Million cell updates/sec

Title: US-08-569-749-10
Perfect score: 294

Sequence: 1 PEOLASAGFYVGNSDVRC.....CMESGDDPWVQHAKEPCE 48

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2.6/plodata/2/1aa/5A.COMB.pep:*
2: /cgn2.6/plodata/2/1aa/5B.COMB.pep:*
3: /cgn2.6/plodata/2/1aa/5A.COMB.pep:*
4: /cgn2.6/plodata/2/1aa/5B.COMB.pep:*
5: /cgn2.6/plodata/2/1aa/PCFUS.COMB.pep:*
6: /cgn2.6/plodata/2/1aa/backfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
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3	294	100.0	48	US-08-569-749-10
4	294	100.0	48	US-08-569-749-10
5	294	100.0	48	US-08-569-749-10
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7	294	100.0	48	US-08-569-749-10
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9	294	100.0	48	US-08-569-749-10
10	294	100.0	48	US-08-569-749-10
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13	294	100.0	48	US-08-569-749-10
14	294	100.0	48	US-08-569-749-10
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17	294	100.0	48	US-08-569-749-10
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22	294	100.0	48	US-08-569-749-10
23	294	100.0	48	US-08-569-749-10
24	294	100.0	48	US-08-569-749-10
25	294	100.0	48	US-08-569-749-10
26	294	100.0	48	US-08-569-749-10
27	294	100.0	48	US-08-569-749-10

28	242	82.3	50	US-08-975-080-30
29	218	74.1	50	US-08-975-080-31
30	217	73.8	50	US-08-975-080-22
31	200	68.0	68	US-08-511-485-28
32	200	68.0	268	US-08-836-134-22
33	185	62.9	68	US-08-511-485-29
34	185	62.9	275	US-08-511-485-12
35	185	62.9	275	US-08-836-134-21
36	184	62.6	50	US-08-975-080-21
37	177	60.2	66	US-08-511-485-25
38	177	60.2	497	US-08-511-485-4
39	177	60.2	497	US-05-212-971-4
40	177	60.2	497	US-08-800-929A-4
41	177	60.2	497	US-09-617-053A-4
42	173	58.8	236	US-09-121-979-4
43	173	58.8	236	US-09-332-319-4
44	173	58.8	1151	US-08-836-134-23
45	173	58.8	1332	US-08-836-134-22

ALIGNMENTS

RESULT 1
US-08-569-749-10
Sequence 10, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Mothe, Mike
TITLE OF INVENTION: GOODEL, David V
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
FLEHR, HOBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embroidero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,749
FILING DATE: 08/08/99
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brenner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO.: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Protein
US-08-569-749-10
Query Match 100.0%; Score 294; DB 4; Length 48;
Best Local Similarity 100.0%; Pred. No. 2; Be-30;
Matches 48; Conservative 0; Mismatches 0; Indels 0;
Gy 1 PEOLASAGFYVGNSDVRCFCDCGGRKMSGDDPWVQHAKEPCE 48
Do 1 PEOLASAGFYVGNSDVRCFCDCGGRKMSGDDPWVQHAKEPCE 48

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RESULT 2
PCT-US96-12860-10
Sequence 10, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSEE: FLEHN, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Reznier, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)389-1289
TELEFAX: (415)389-1249
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-10

Query Match 100.0%; Score 294; DB 5; Length 48;
Best Local Similarity 100.0%; Pred. No. 2,8e-30;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 PQLASAGFYVGNSDVVKCCGCGLRCSGDDPWVGHAKMPFCE 48
Db 1 PQLASAGFYVGNSDVVKCCGCGLRCSGDDPWVGHAKMPFCE 48

RESULT 3
US-08-511-485-26
Sequence 26, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-26

Query Match 100.0%; Score 294; DB 2; Length 68;
Best Local Similarity 100.0%; Pred. No. 4,1e-30;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 PQLASAGFYVGNSDVVKCCGCGLRCSGDDPWVGHAKMPFCE 48
Db 19 PQLASAGFYVGNSDVVKCCGCGLRCSGDDPWVGHAKMPFCE 66

RESULT 4
US-08-511-485-6
Sequence 6, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
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STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-6

Query Match 100.0%; Score 294; DB 2; Length 604;
Best Local Similarity 100.0%; Pred. No. 4, 5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 273 PEOLASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 320

RESULT 5
US-09-212-971-6
Sequence 6, Application US/09212971B
Patent No. 6107041
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 07891/009002
CURRENT APPLICATION NUMBER: US/09/212.971B
EARLIER FILING DATE: 1998-12-16
EARLIER APPLICATION NUMBER: 60/007,354
EARLIER FILING DATE: 1996-04-26
EARLIER APPLICATION NUMBER: 60/030,590
EARLIER FILING DATE: 1996-11-14
EARLIER APPLICATION NUMBER: 08/800,929
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 6
LENGTH: 604
TYPE: PRT
ORGANISM: Homo sapiens
US-09-212-971-6

Query Match 100.0%; Score 294; DB 3; Length 604;
Best Local Similarity 100.0%; Pred. No. 4, 5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 273 PEOLASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 320

RESULT 6
US-08-800-929A-6
Sequence 6, Application US/08800929A
Patent No. 613417
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF
TITLE OF INVENTION: IAPs AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP

STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,929A
FILING DATE: 13-FEB-1997

CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,590
FILING DATE: 14-NOV-1996
APPLICATION NUMBER: 60/017,354
FILING DATE: 26-APR-1996

ATTORNEY/AGENT INFORMATION:
NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: 07891/009001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-800-929A-6

Query Match 100.0%; Score 294; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 4, 5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 273 PEOLASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 48
1 PEOIASAGFYVGNSDVACFCDCDGLRCWESGDDPWVQHAKEPCE 320

RESULT 7
US-08-569-749-4
Sequence 4, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Rottne, Mike
APPLICANT: Goeddel, David V
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, ROBERT, TEST, ALBERTSON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.

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?      REGISTRATION NUMBER: 24,774
?      REFERENCE/DOCKET NUMBER: A-62464/DJB
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: (415)781-1989
?      TELEFAX: (415)398-3249
?      INFORMATION FOR SEQ ID NO: 4:
?      SEQUENCE CHARACTERISTICS:
?      LENGTH: 604 amino acids
?      TYPE: amino acid
?      STRANDEDNESS: single
?      TOPOLOGY: linear
?      MOLECULE TYPE: protein
?      US-08-569-749-4

Query Match      100.0%; Score 294; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 4.5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 48
Db      273 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 320

RESULT      8
US-09-617-053A-6
?      Sequence 6, Application US/09617053A
?      Patent No. 6300492
?      GENERAL INFORMATION:
?      APPLICANT: Korneluk, Robert G
?      APPLICANT: Mackenzie, Alexander E
?      APPLICANT: Liston, Peter
?      APPLICANT: Baird, Stephen
?      APPLICANT: Tseng, Benjamin K
?      APPLICANT: Pratt, Christine
?      TITLE OF INVENTION: DETECTION AND MODULATION OF TAPS AND
?      TITLE OF INVENTION: NAPI FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
?      TITLE OF INVENTION: DISEASE
?      FILE REFERENCE: 07891/009003
?      CURRENT APPLICATION NUMBER: US/09/617,053A
?      CURRENT FILING DATE: 2000-07-14
?      PRIOR APPLICATION NUMBER: US 08/800,929
?      PRIOR FILING DATE: 1997-02-13
?      NUMBER OF SEQ ID NOS: 17
?      SOFTWARE: FASTSEQ for Windows Version 4.0
?      SEQ ID NO: 6
?      LENGTH: 604
?      TYPE: RT
?      ORGANISM: Homo sapiens
?      US-09-617-053A-6

Query Match      100.0%; Score 294; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 4.5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 48
Db      273 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 320

RESULT      9
PCT-US96-12860-4
?      Sequence 4, Application PC/TUS9612860
?      GENERAL INFORMATION:
?      APPLICANT: TULARIK, INC.
?      TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
?      NUMBER OF SEQUENCES: 14
?      CORRESPONDENCE ADDRESS:
?      ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
?      STREET: 4 Embarcadero Center, Suite 3400
?      CITY: San Francisco
?      STATE: California
```

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?      COUNTRY: USA
?      ZIP: 94111
?      COMPUTER READABLE FORM:
?      MEDIUM TYPE: Floppy disk
?      COMPUTER: IBM PC compatible
?      OPERATING SYSTEM: PC-DOS/MS-DOS
?      SOFTWARE: Patent Release #1.0, Version #1.30
?      CURRENT APPLICATION DATA:
?      APPLICATION NUMBER: PCT/US96/12860
?      FILING DATE: 06 AUG 1996
?      CLASSIFICATION:
?      PRIOR APPLICATION DATA:
?      APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
?      CLASSIFICATION:
?      ATTORNEY/AGENT INFORMATION:
?      NAME: Brezner, David J.
?      REGISTRATION NUMBER: 24,774
?      REFERENCE/DOCKET NUMBER: A-62464/DJB
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: (415)398-3249
?      TELEFAX: (415)781-1989
?      INFORMATION FOR SEQ ID NO: 4:
?      SEQUENCE CHARACTERISTICS:
?      LENGTH: 604 amino acids
?      TYPE: amino acid
?      STRANDEDNESS: single
?      TOPOLOGY: linear
?      MOLECULE TYPE: protein
?      PCT-US96-12860-4

Query Match      100.0%; Score 294; DB 5; Length 604;
Best Local Similarity 100.0%; Pred. No. 4.5e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 48
Db      273 PQLASAGFYVNSDVKCFCCDGLGHCWESGDDPMVQIAKKFPRCE 320

RESULT      10
US-08-569-749-9
?      Sequence 9, Application US/08569749
?      Patent No. 6187557
?      GENERAL INFORMATION:
?      APPLICANT: Rothe, Mike
?      APPLICANT: Goeddel, David V
?      TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
?      NUMBER OF SEQUENCES: 14
?      CORRESPONDENCE ADDRESS:
?      ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
?      STREET: 4 Embarcadero Center, Suite 3400
?      CITY: San Francisco
?      STATE: California
?      COUNTRY: USA
?      ZIP: 94111
?      COMPUTER READABLE FORM:
?      MEDIUM TYPE: Floppy disk
?      COMPUTER: IBM PC compatible
?      OPERATING SYSTEM: PC-DOS/MS-DOS
?      SOFTWARE: Patent Release #1.0, Version #1.30
?      CURRENT APPLICATION DATA:
?      APPLICATION NUMBER: US/08/569,749
?      FILING DATE:
?      CLASSIFICATION: 514
?      ATTORNEY/AGENT INFORMATION:
?      NAME: Brezner, David J.
?      REGISTRATION NUMBER: 24,774
?      REFERENCE/DOCKET NUMBER: A-62464/DJB
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: (415)398-3249
?      TELEFAX: (415)781-1989
?      INFORMATION FOR SEQ ID NO: 9:
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SEQUENCE CHARACTERISTICS:
 LENGTH: 48 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-569-749-9

Query Match 95.9%; Score 282; DB 4; Length 48;
 Best Local Similarity 93.8%; Pred. No. 8.9e-29;
 Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 48
 DB 1 PEOLASAGFYVGNRDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 48

RESULT 11
 PCT-US95-12860-9

Sequence 9 Application PC/TUS95612860
 GENERAL INFORMATION:
 APPLICANT: TULARIK, INC.
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/12860
 FILING DATE: 06 AUG 1996
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brezner, David J.
 REGISTRATION NUMBER: 24,774
 REFERENCE/DOCKET NUMBER: A-62464/DJB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415)398-3249
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 48 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US96-12860-9

Query Match 95.9%; Score 282; DB 5; Length 48;
 Best Local Similarity 93.8%; Pred. No. 8.9e-29;
 Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 48
 DB 1 PEOLASAGFYVGNRDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 48

RESULT 12
 PCT-US95-05922A-2
 Sequence 2, Application PC/TUS9505922A

GENERAL INFORMATION:
 APPLICANT: HE, ET AL.
 TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILLILAN,
 STREET: 6 BRICKER PARK ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 OPERATING SYSTEM: IBM PC/MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05922A
 FILING DATE: 11 MAY 1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: BERNANO, GREGORY D.
 REGISTRATION NUMBER: 325800-292
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
 LENGTH: 438 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 PCT-US95-05922A-2

Query Match 95.9%; Score 282; DB 5; Length 438;
 Best Local Similarity 93.8%; Pred. No. 1e-27; 1; Indels 0; Gaps 0;
 Matches 45; Conservative 2; Mismatches 1;

OY 1 PEOLASAGFYVGNSDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 48
 DB 107 PEOLASAGFYVGNRDVYKCFCCDGLRCWESGDDPWVQIAKWFPRCE 154

RESULT 13

US-08-569-749-2
 Sequence 2, Application US/08569749

Patent No. 6187557
 GENERAL INFORMATION:
 APPLICANT: Roche, Mike
 APPLICANT: Goeddel, David V
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/569,749

FILING DATE: 514
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Breznar, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-2

Query Match 95.9%; Score 282; DB 4; Length 618;
Best Local Similarity 53.8%; Pred. No. 1.5e-27;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSDYKCFCCDGLRCWESDDPWQAHAKWPFCE 48
DB 287 PEOLASAGFYVGNBDYKCFCCDGLRCWESDDPWVHAKWPFCE 334

RESULT 14
PCT-US96-12860-2
Sequence 2, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TOLARIX, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Breznar, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-2

Query Match 95.9%; Score 282; DB 5; Length 618;
Best Local Similarity 93.8%; Pred. No. 1.5e-27;

Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSDYKCFCCDGLRCWESDDPWQAHAKWPFCE 48
DB 287 PEOLASAGFYVGNBDYKCFCCDGLRCWESDDPWVHAKWPFCE 334

RESULT 15
US-08-511-485-27
Sequence 27, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/445-070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-27

Query Match 91.8%; Score 270; DB 2; Length 68;
Best Local Similarity 91.7%; Pred. No. 4.2e-27;
Matches 44; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGNSDYKCFCCDGLRCWESDDPWQAHAKWPFCE 48
DB 19 PEOLASAGFYVGNBDYKCFCCDGLRCWESDDPWVHAKWPFCE 66

Search completed: January 7, 2002, 15:41:58
Job time: 277 sec

Tue Jan 8 08:23:22 2002

us-08-569-749-10.rai

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